

## ABSTRACT OF THE DISCLOSURE

A molybdenum silicide type-heating element and a method of manufacturing a heating element of the molybdenum silicide type. The heating element contains substantially  $\text{Mo}(\text{Si}_{1-x}\text{Al}_x)_2$  and  $\text{Al}_2\text{O}_3$  and is prepared by mixing a molybdenum aluminum silicide-type material  $\text{Mo}(\text{Si}_{1-y}\text{Al}_y)_2$  with  $\text{SiO}_2$ , wherein the  $\text{SiO}_2$  has a purity of at least 98%.